IBP formed a JVC with Oil Tanking GMBH, Germany with 25%: 25%: 50% equity participation for putting up storage and terminaling facilities.

(ii) TOTAL SA of France with HPCL: for putting up Downstream petroleum activities initially focussing on the development of infrastructure for import and marketing of LPG and LNG.

(iii) EXXON International, USA: for development of infrastructure for import and marketing of LPG.

(iv) BPCL with M/s. Gujarat Gas: for putting up import facility of 200 TMTPA at Okha.

(v) BPC—SHELL: for putting up import and marketing facilities and marketing of lubricants and LPG.

(vi) IOC—MOBIL: for putting up LPG import and marketing facilitities for LPG.

(vii) AVI OIL INDIA LTD. : IOC has setup JVC with Nyco SA France and Balmer Lawrie & Co. Ltd. for marketing lubricating oils.

(viii) INDO-MOBIL PVT. LTD. : A JVC with IOC & MOBIL Petroleum Co. Inc for marketing, blending of MOBIL brand of lubricants.

(ix) HPCL—EXXON: for technical tie up to blend ESSO brand automotive lubricants.

In addition to these the following foreign companies have entered into marketing of lubricating oil having tie up with Public/private companies:

IBP CO. LTD.	—CALTEX
BALMER LAWRIE	—FUCHS
TIDE WATER OIL COMPANY	—MITSUBISHI

The following JVCs have been formed for other petroleum products:

(i) HINDUSTAN COLAS LTD.: For manufacture and marketing of bitumen emulsion in India.

The Govt. has also encouraged private sector for development of product pipelines, tankage for petroleum products, LPG bottling plants and other infrastructure for import and handling of LPG and other petroleum products:

(i) M/s AGIO, Singapore: The party has been given FIPB clearance for putting up POL/LPG import/handling facilities at Paradeep.

(ii) M/SPIC: The party has developed and commissioned LPG import facilities at Tuticorin, Tamilnadu.

(iii) M/s. Shakti LPG have developed and commisioned LPG import faciliites at Kakinada, AP.

(iv) M/s. Peevees are developing their import facilities at Calicut, Kerala.

(v) M/s FEENA PETRO PRODUCTS have plans for putting up LPG import facilities either at Cuddalore or at Krishnapatnam (AP).

(vi) M/s FORESIGHT LTD. has received FIPB approval for creating storage tank farm for crude and petroleum products in Gujarat.

एच० बी० जे० पाइप लाइन का विस्तार

1182. **श्री नागमणि:** क्या **पेट्रोलियम और प्राकृतिक गैस** मंत्री यह बताने की कृपा करेंगे कि:

(क) क्या सरकार एच० बी० जे० पाइप लाइन का बिहार तक विस्तार करने का विचार रखती है;

(ख) यदि हां, तो तत्संबंधी ब्यौरा क्या है; और

(ग) यदि नहीं, तो इसके क्या कारण हैं?

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री (श्री टी० आर० बालू): (क) जी, नहीं।

(ख) प्रश्न नहीं उठता।

(ग) एच० बी० जे० व्यवस्था के आसपास गैस का आवंटन उपलब्धता की तुलना में पहले ही बहुत अधिक

है। इन परिस्थितियों में एच० बी० जे० पाइपलाइन का विस्तार करना सम्भव नहीं है।

Indigenous Oil Production

1183. SHRI KRISHNA KUMAR BIRLA: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) the actual indigenous Oil production achieved during 1995-96 and 1996-97 as against the target, alongwith the reasons for shortfall in the targeted production;

(b) the quantity of oil imported during 1995-96 and 1996-97 to meet the demand (with value in foreign exchange);

(c) whether oil production areas in the Krishna Godavari, the Cauvery Kerala-Konkan and the Kutch have been identified for oil exploration; and

(d) the present position with regard to the exploration operations in these identified areas?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI T.R. BAALU): (a) The detail of targets and actual production of crude oil during 1995-96 and 1996-97 is given blow:-

(Figs. in MMT)

Year	Target (MOU)	Production
1995-96	36.296	35.167
1996-97	36.312	32.90

The reasons for shortfall are

(i) Reduction in anticipated production from the major fields of Mumbai Regional Business Centre specially Bombay High and Neelam Oil Fields due to reservoir problems which was not in conformity with the earlier predictions.

(ii) Most of the producing oil fields are old and some of the major fields including Bombay High have entered the natural declining phase.

(iii) Constraints in operating conditions in the North-Eastern region such as bandhs, barricades, strikes, incidence of thefts and sabotage etc.

(iv) Frequent power shut-down in the Eastern and Western region have affected the artificial lift system.

(v) Reduced production from Joint Venture Projects

(b) The quanity of crude oil imported and its value was as under:

	1995-96	1996-97
Qty(MMT)	27.342	33.906
Value (Rs.Cr.)	11517	18538

(c) and (d) Yes, Sir. The Present position of the exploration operations carried out by ONGC in these areas are:

Krishna-Godavari Basin: ONGC plans to acquire 895 GLK and 925 LK of 2Dseismic, 800 GLK of 3D and drill 26 wells during 1997-98 in Krishna-Godavari onshore and offshore. 8 rigs have been deployed for exploratory drilling KG-OS-90/1 block has been awarded to a joint venture for exploration.

Cauvery Basin: ONGC plans to acquire 800 GLK of 3D seismic and drill 17 wells during 1997-98. 6 rigs are presently deployed to carry out exploratory drilling. CY-OS-90/1 and CY-OS/2 blocks have been awarded to joint ventures for exploration.

Kerala Konkan: 4 exploratory wells are planned for drilling during 1997-98.

Kutch Basin: Interpretation of the seismic data acquired in the region is in progress.